

Converting Colors

Hex(B5B13E)

Have a look what the booklet for
Hex(B5B13E) contains.

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Color

Hex(B5B13E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B5B13E |
| RGB | 181, 177, 62 |
| RGB Percent | 71%, 69%, 24% |
| CMY | 0.2902, 0.3059, 0.7569 |
| CMYK | 0.00, 0.02, 0.66, 0.29 |
| HSL | 58°, 49%, 48% |
| HSV | 58°, 66%, 71% |
| XYZ | 35.6477, 41.6158, 10.7113 |
| YIQ | 165.0860, 39.2990, -34.9170 |

Conversions

Conversions Part 2

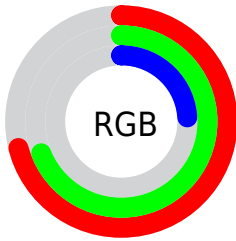
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 66, 181, 62 |
| Decimal | 11907390 |
| CIELab | 70.61, -12.72, 56.99 |
| CIELCh | 71, 58.395, 102.580 |
| Yxy | 41.6158, 0.4052, 0.4730 |
| Android (android.graphics.Color) | 4290097470 (0xFFB5B13E) |
| YUV | 165.0860, -50.8214, 13.9566 |
| Hunter-Lab | 64.5103, -14.2560, 35.3128 |

Details

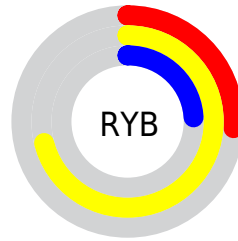
The Hex color **B5B13E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E42B5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EFE873**, and **7D7D00** is the 20% darker color. If you saturate the color by 10%, you get **B5B02C**, and if you desaturate by 10%, it is **B5B250**.

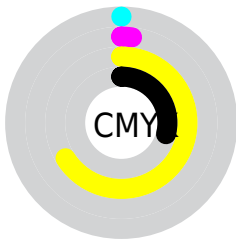
Distribution



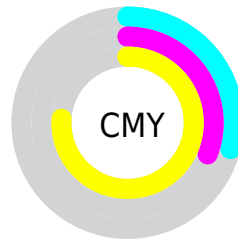
- Red (71%)
- Green (69%)
- Blue (24%)



- Red (26%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (2%)
- Yellow (66%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5B13E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B5B13E by changing the saturation by 10% instead.

 B5B13E

 B5B13E

FFFFFF

 999622

 EFE873

 7D7D00

 FFFF8F

 626400


 FFFFAA

 484C00

 FFFFC6

 2E3600

 FFFFEE

 152100

 000400

 000000

 B5B13E

 B5B13E

 B5B02C

 B5B250

 B5B01A

 B5B262

 B5AF08

 B5B374

 B5AF00

 B5B386

 B5B499

 B5B5AB

 B5B5BD

 B5B6CF

 B5B6E1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E49F44



B5B13E



7ABE5B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B5B13E



00C4F3



FE83CE

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B5B13E



3E42B5

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CD95FB



B5B13E



00BBFF

Square

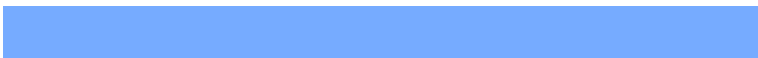
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B5B13E



00C7C2



76ABFF



FF7E98

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B5B13E



42C37A



76ABFF



F188DF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B5B13E



EBE9BC



B53E44



757459



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B5B13E



EBE431



7FB53E



595950



999400



1A1900

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3E42B5



3137EB



743EB5



505159



000599



00011A

Previews

White Background



This preview shows how the Hex color B5B13E looks on a white background.

Color Contrast Check

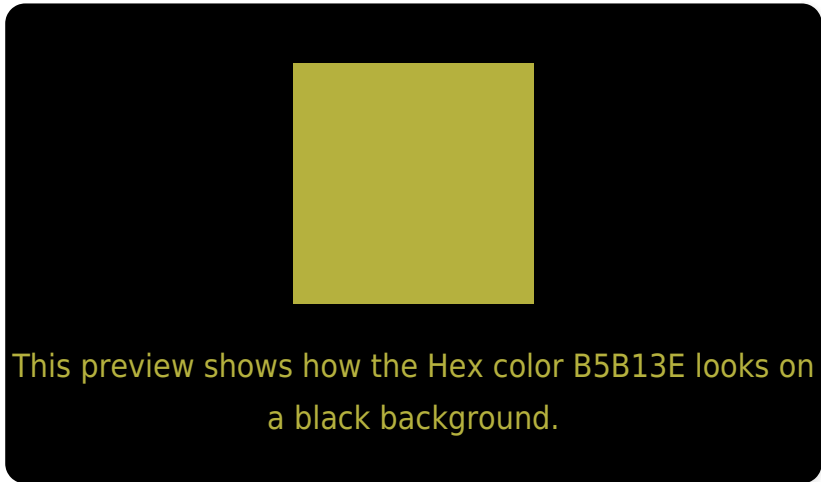
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B5B13E Background



This preview shows how black text looks on a background with the Hex color B5B13E.

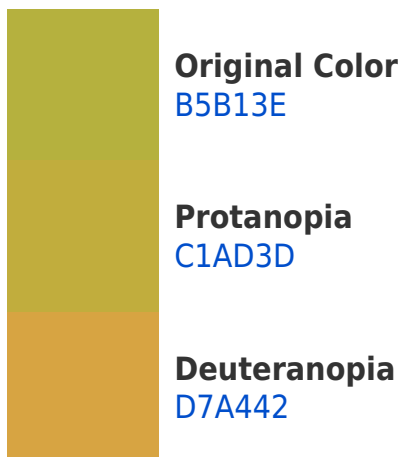


This preview shows how white text looks on a background with the Hex color B5B13E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

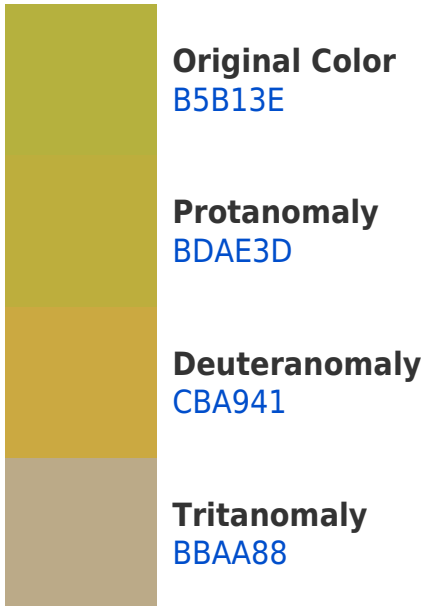
Dichromacy



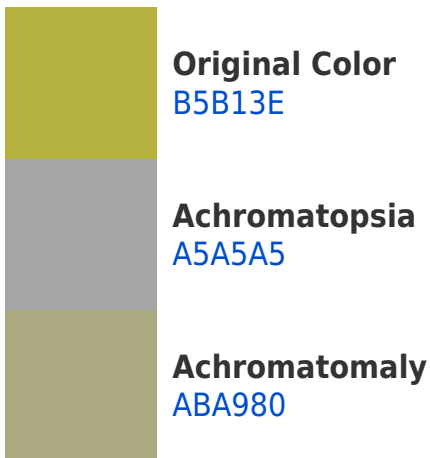


Tritanopia
BFA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5B13E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B5B13E looks like.

```
.text, #text, p{  
    color:#B5B13E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B5B13E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5B13E
}
```

Border

The CSS property to change the border of an element to Hex B5B13E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5B13E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B5B13E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B5B13E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5B13E; -webkit-box-shadow:4px 4px  
4px 4px #B5B13E; box-shadow:4px 4px 4px  
4px #B5B13E }
```

Background

The CSS property to change the background color of an element to Hex B5B13E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5B13E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B5B13E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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